

ABSTRACT OF THE DISCLOSURE

A door lock mechanism includes a sleeve mounted on the door of a trailer which extends a substantial dimension of the door. A lockrod is disposed in the sleeve and a handle assembly is connected to the bottom thereof. The handle assembly has structure and the top of the lockrod has structure which engage corresponding structures on the trailer, thereby locking the door in place. The handle assembly is used to rotate the lockrod, thereby selectively locking and unlocking the door. An end cap is disposed at each end of the sleeve, and the lockrod extends through an opening in the respective end caps. A thrust bearing is disposed between the end cap and the handle assembly and between the other end cap and the structure. The handle assembly includes a handle and structure that engages structure on the trailer, thereby locking the handle in place.